

FIG. 1

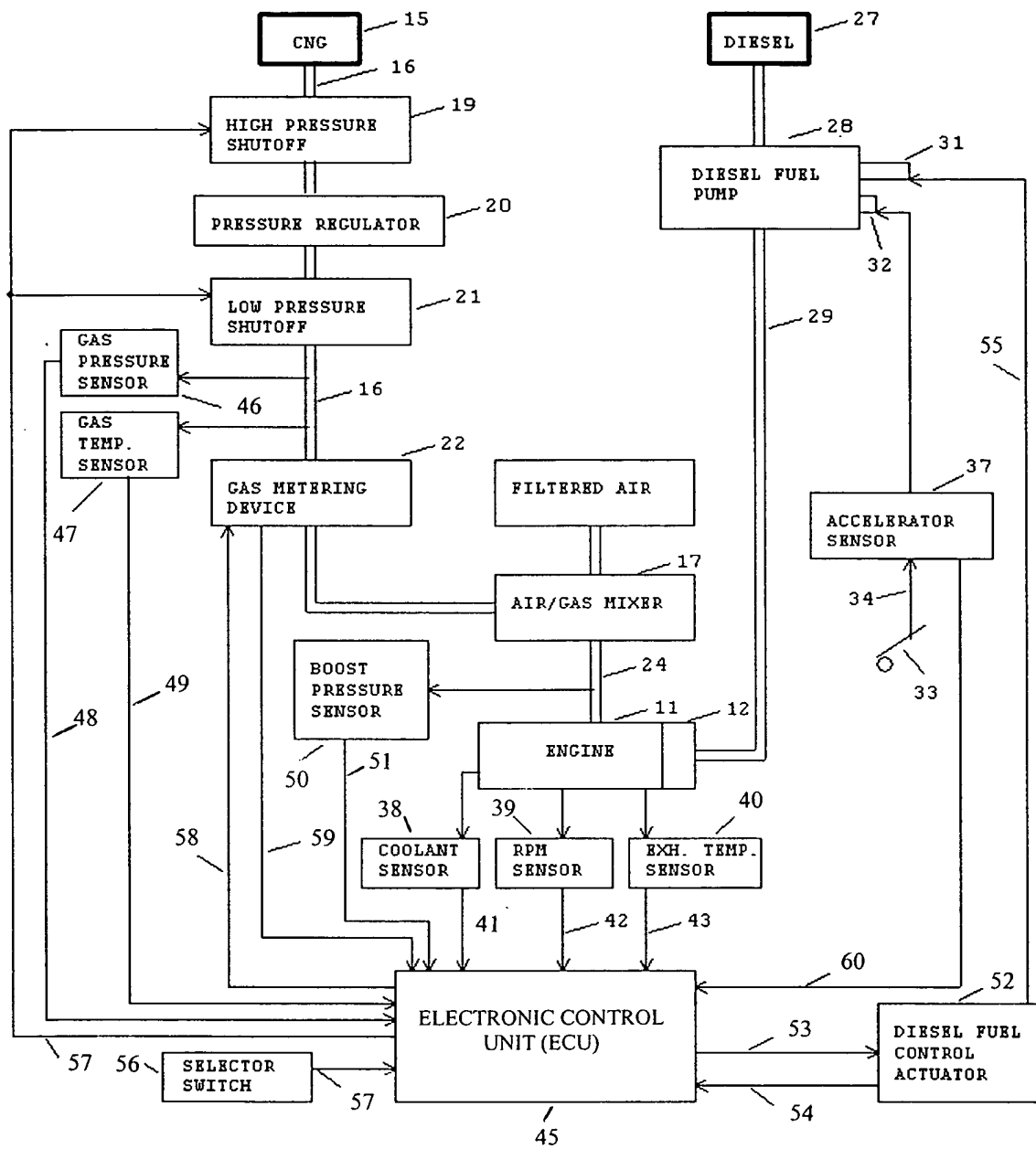


FIG. 2

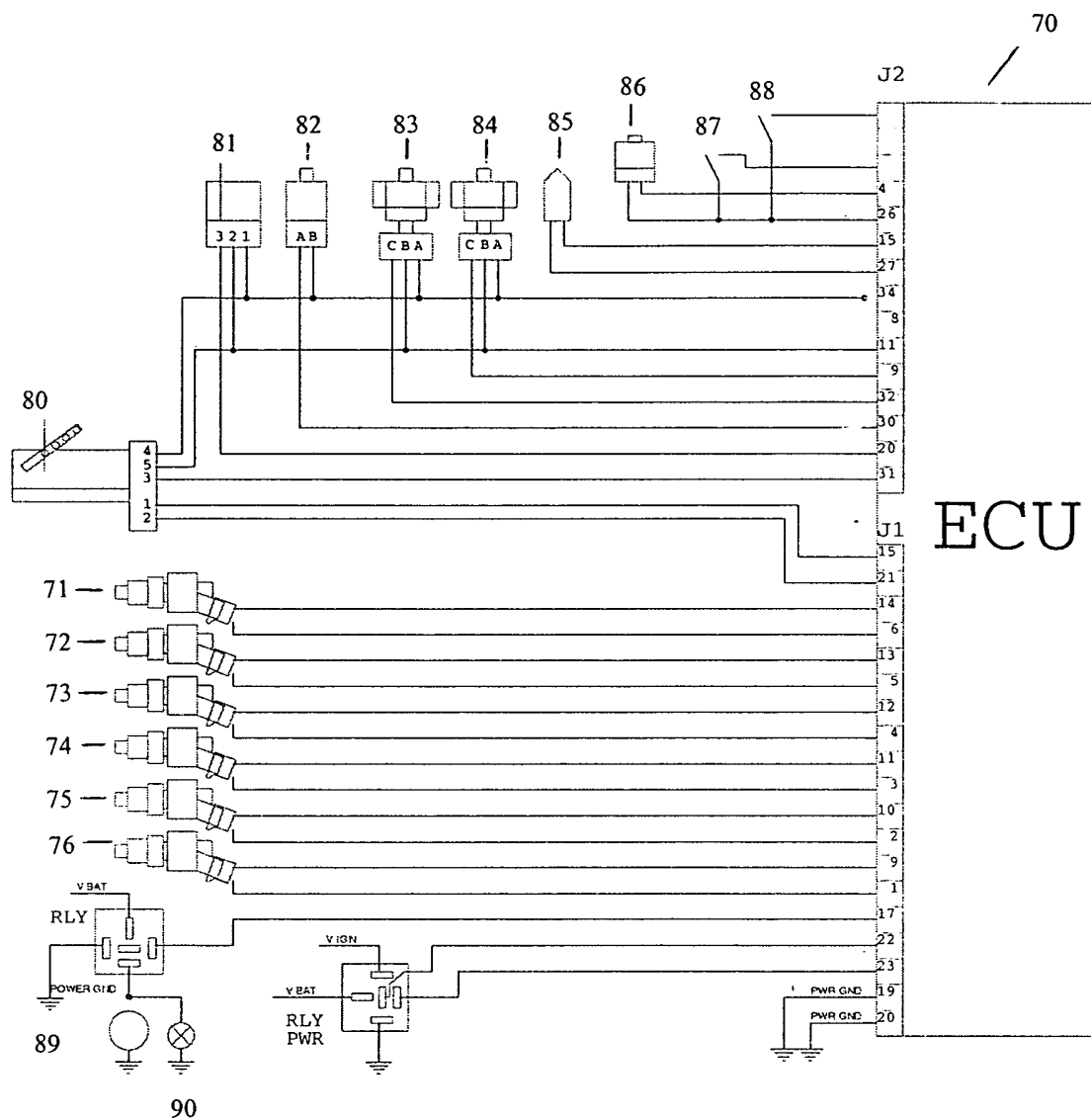


FIG. 3

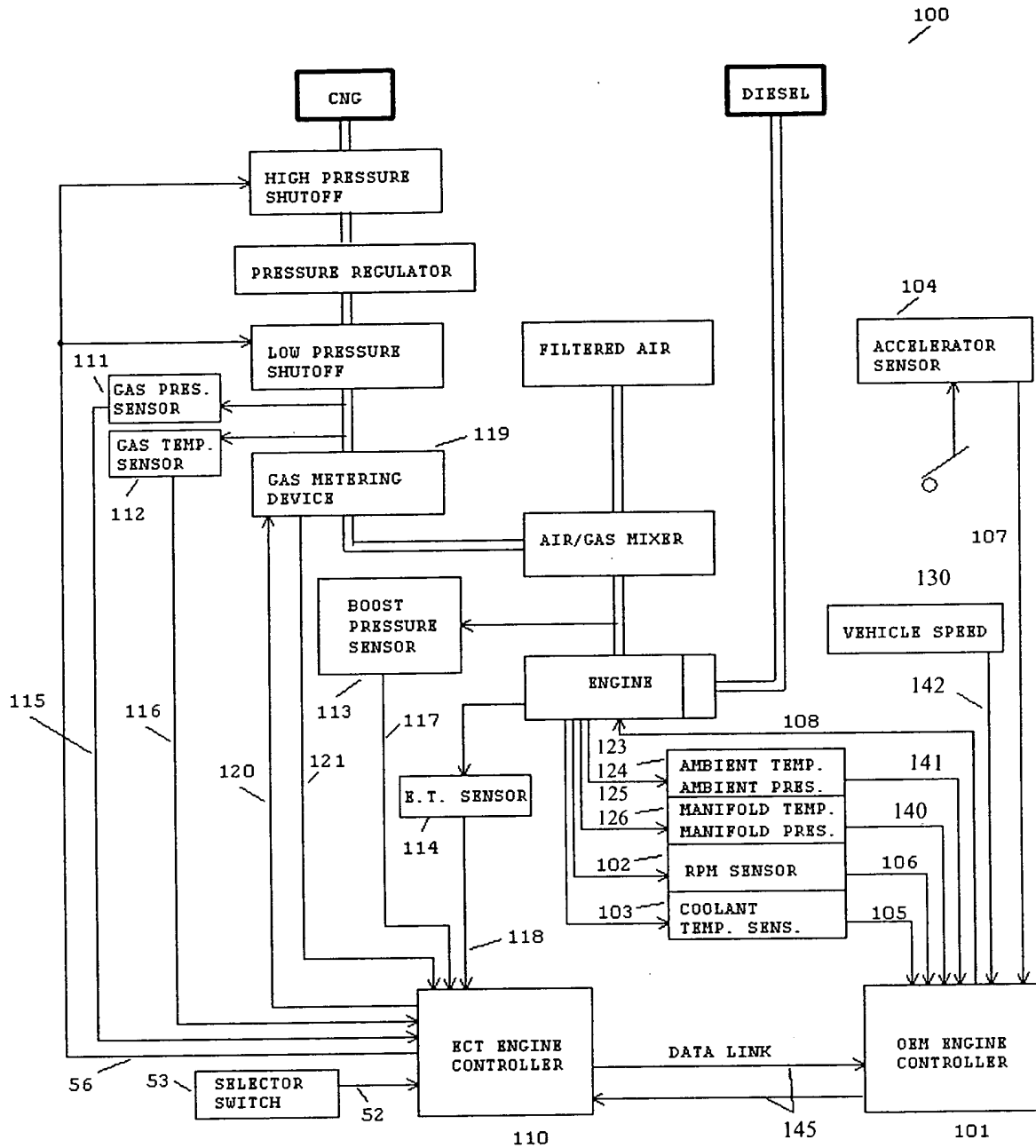


FIG. 4

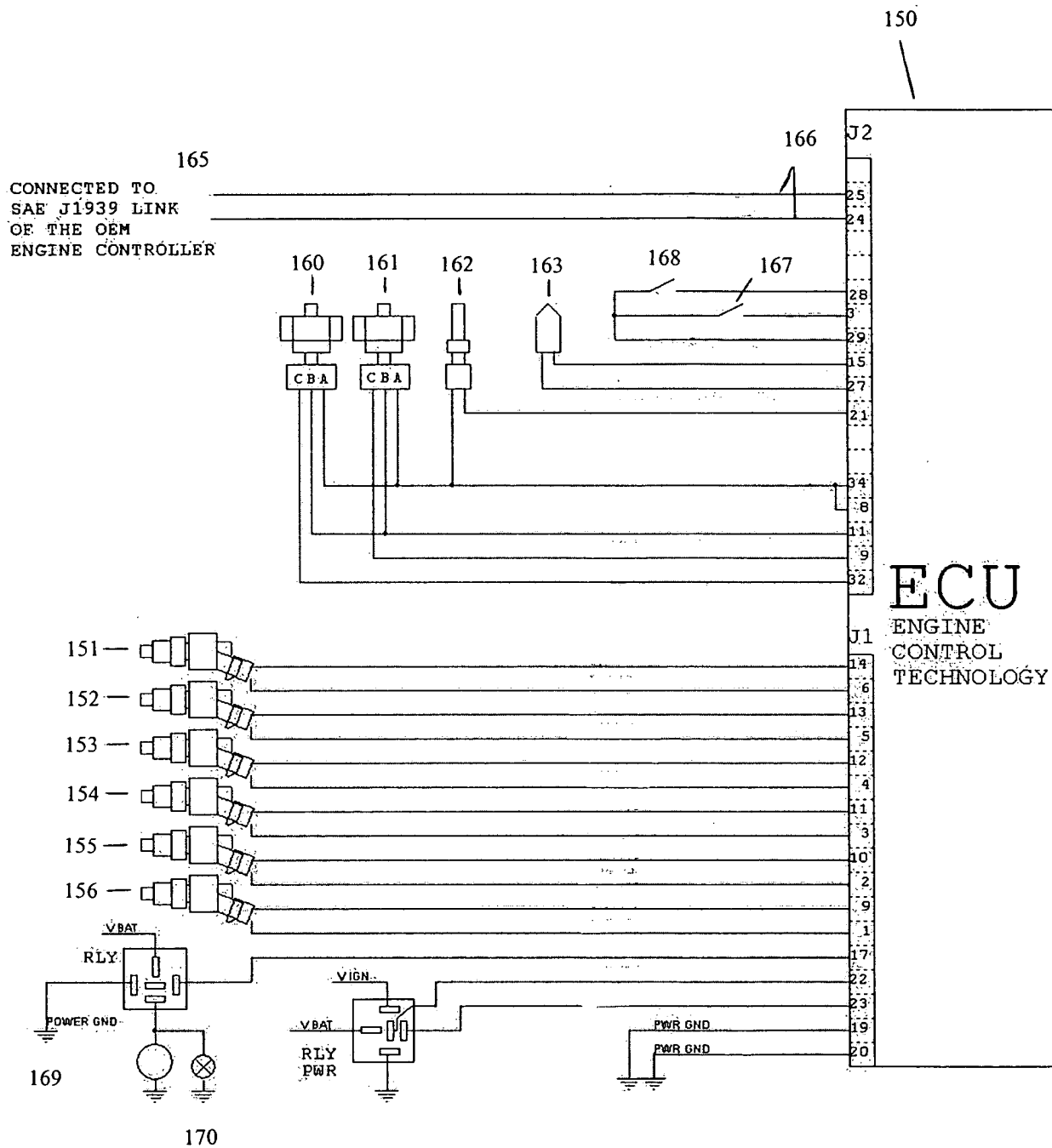


FIG. 5

ECU HARDWARE STRUCTURE

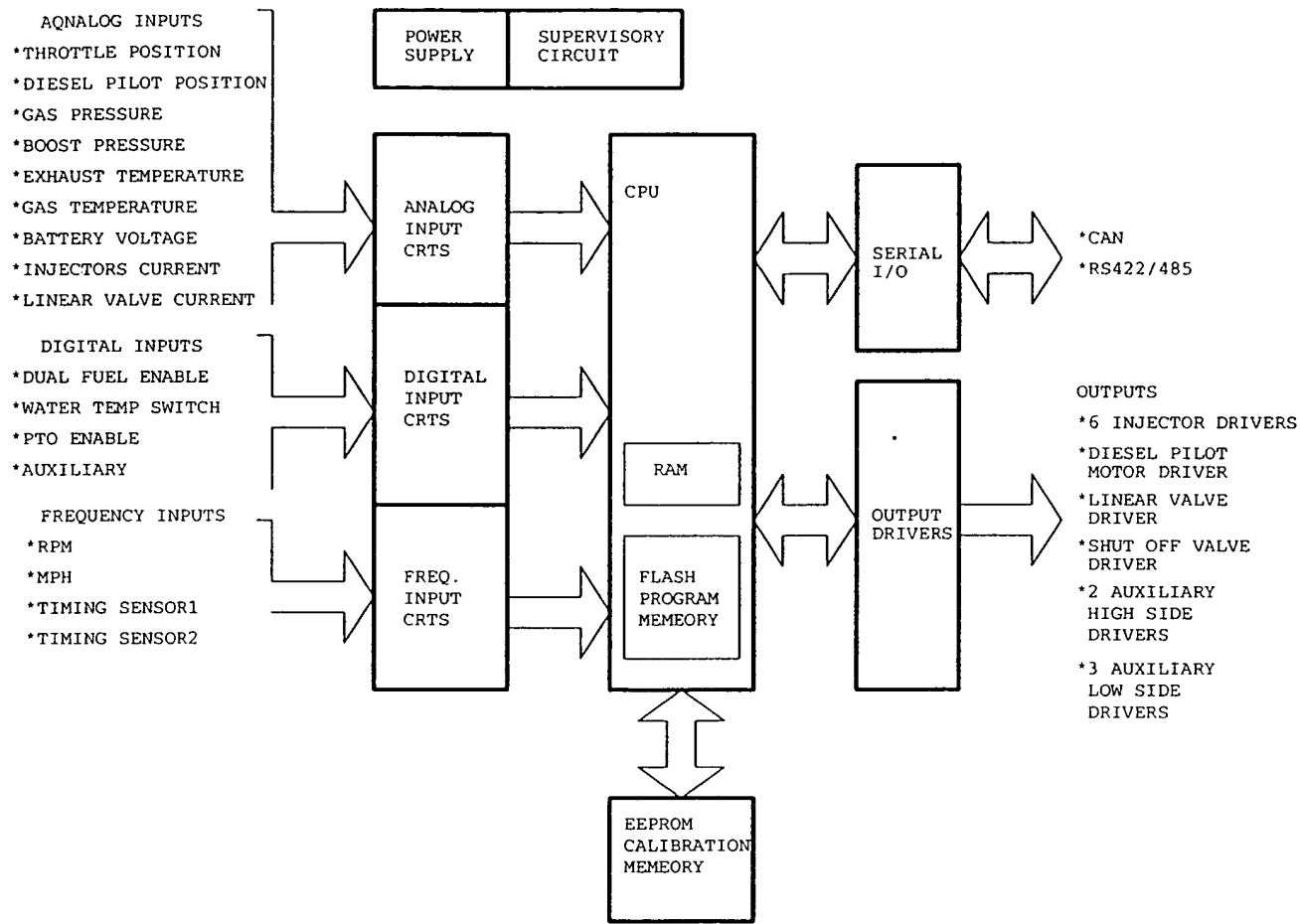


FIG. 6

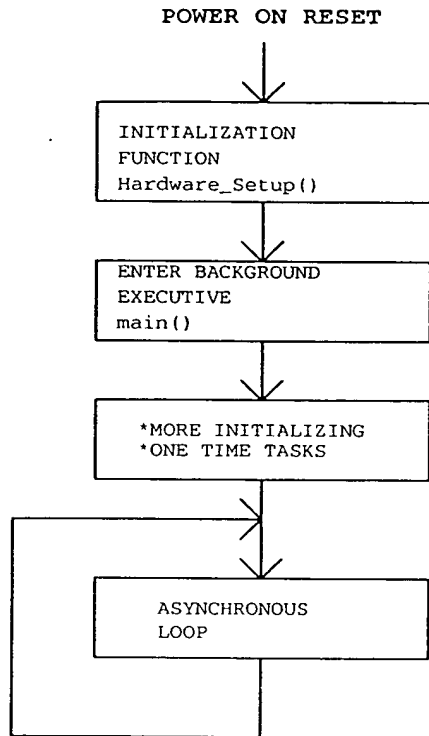


FIG. 7a

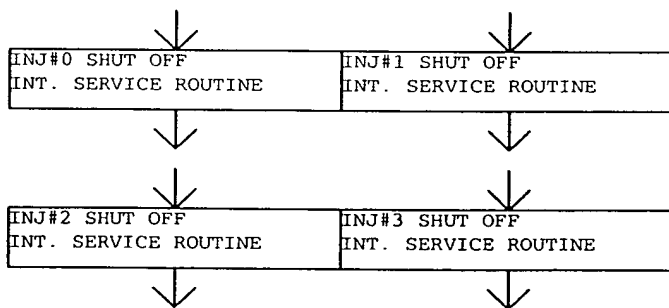


FIG. 7c

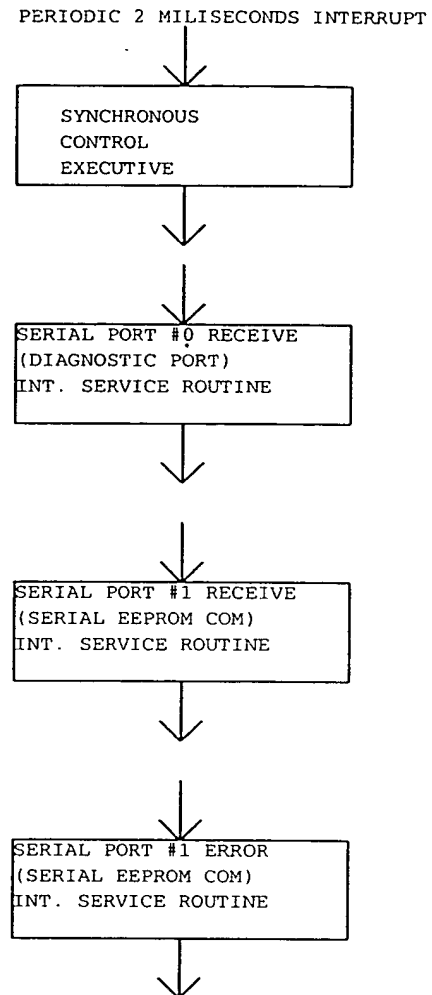
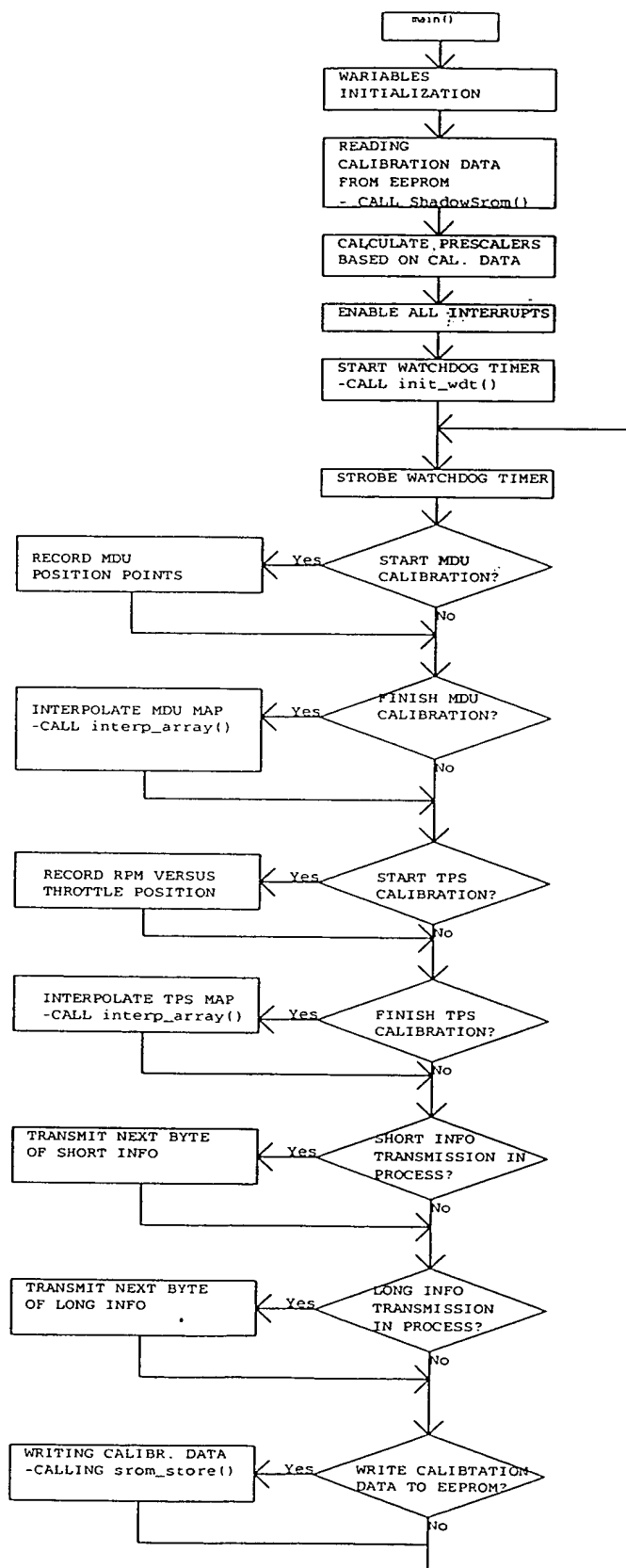
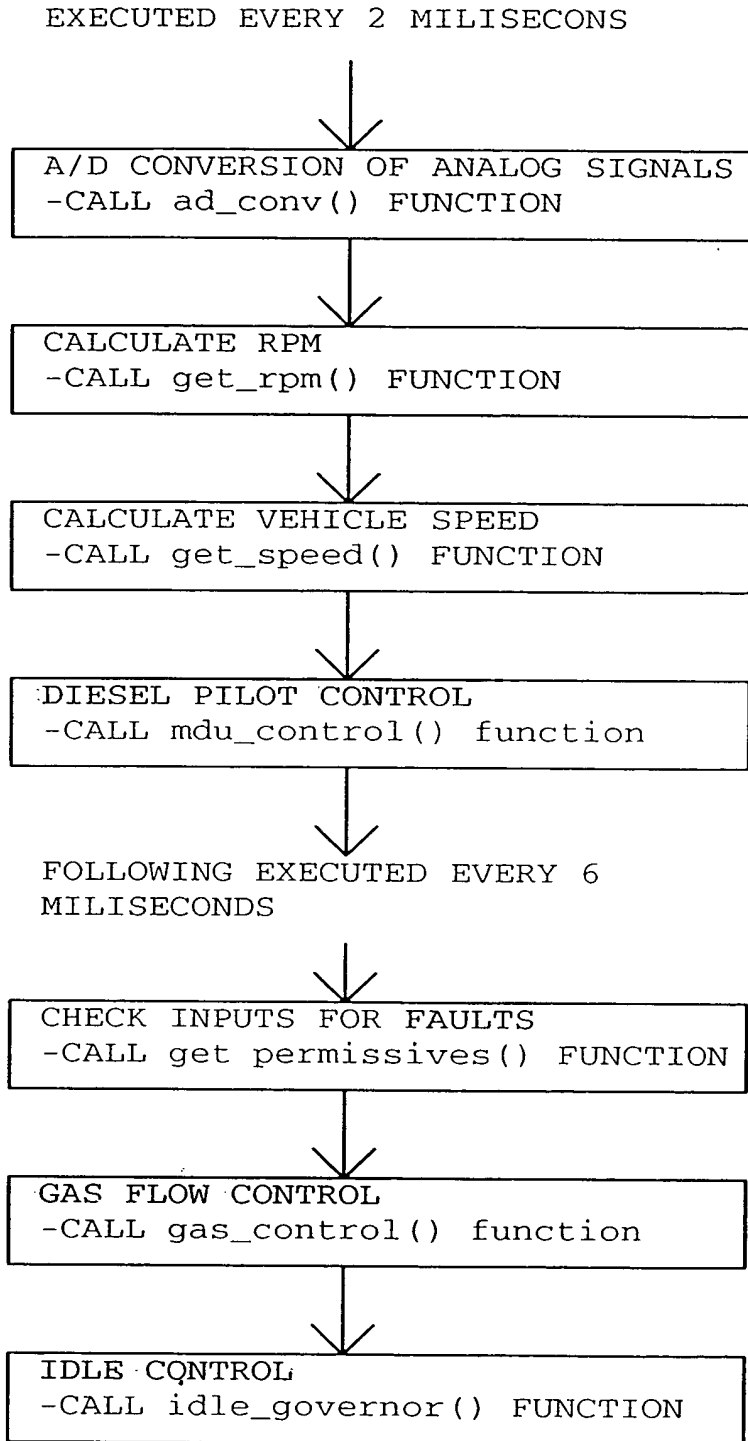


FIG. 7b



BACKGROUND
EXECUTIVE

FIG. 8



SYNCHRONOUS CONTROL EXECUTIVES

FIG. 9

A/D CONVERSION FLOW

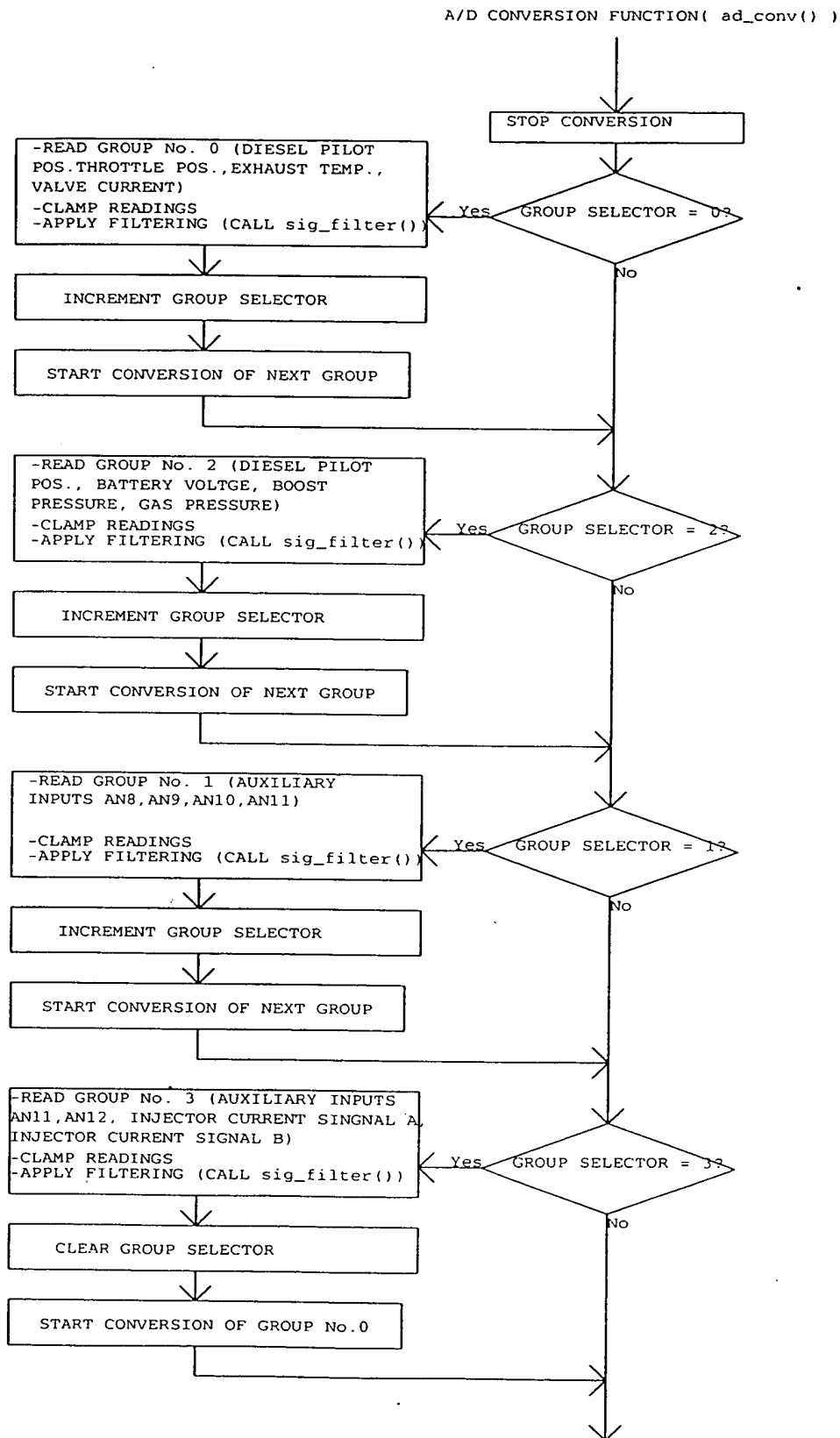


FIG. 10

ENGINE SPEED CONVERSION

(FUNCTION get_rpm(), RUNS EVERY 2 MILISECONDS)

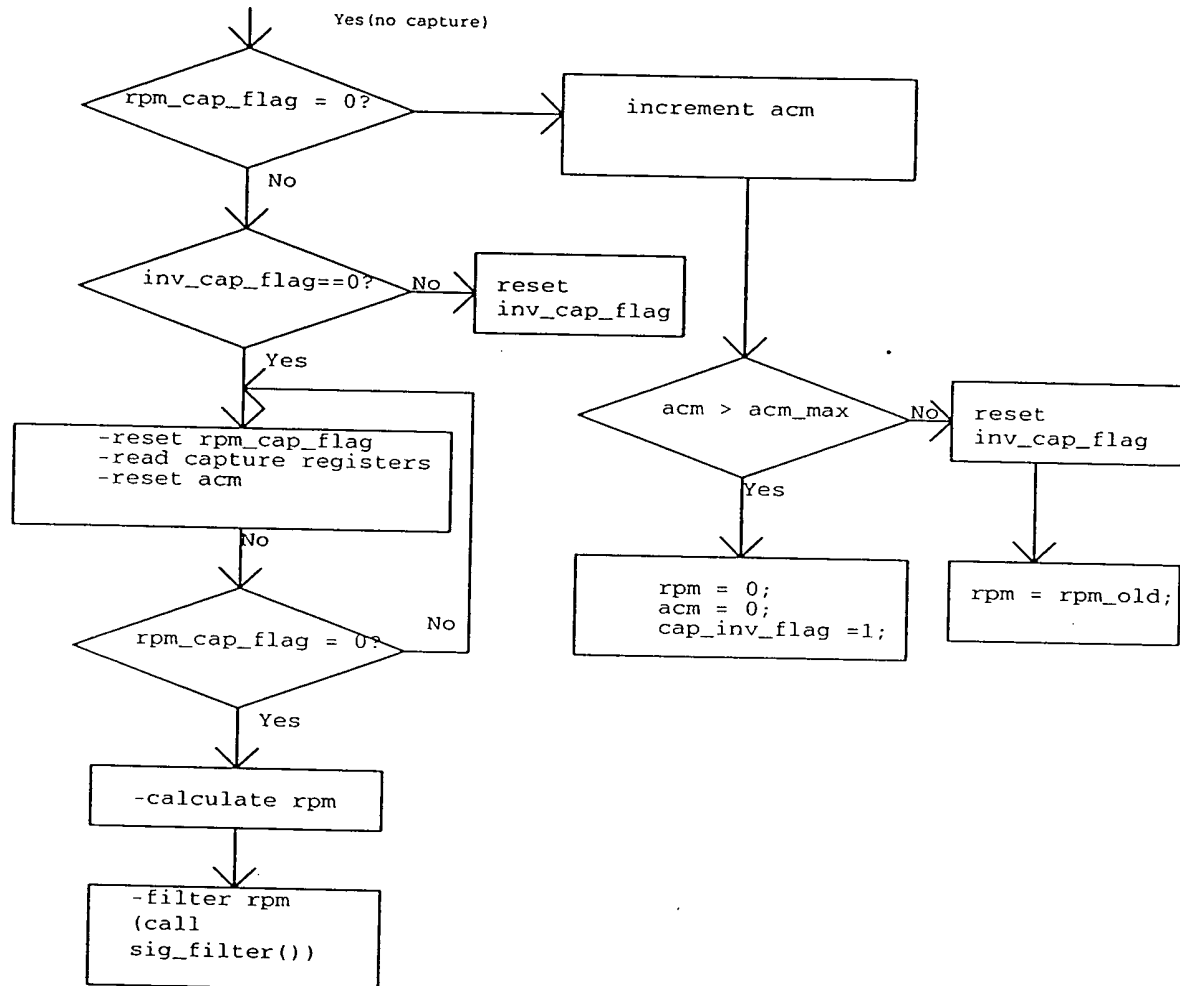


FIG. 11

GAS CONTROL FUNCTION (gas_control())

GAS FUEL CONTROL

(FUNCTION gas_control(), RUNS EVERY 6 MILLISECONDS)

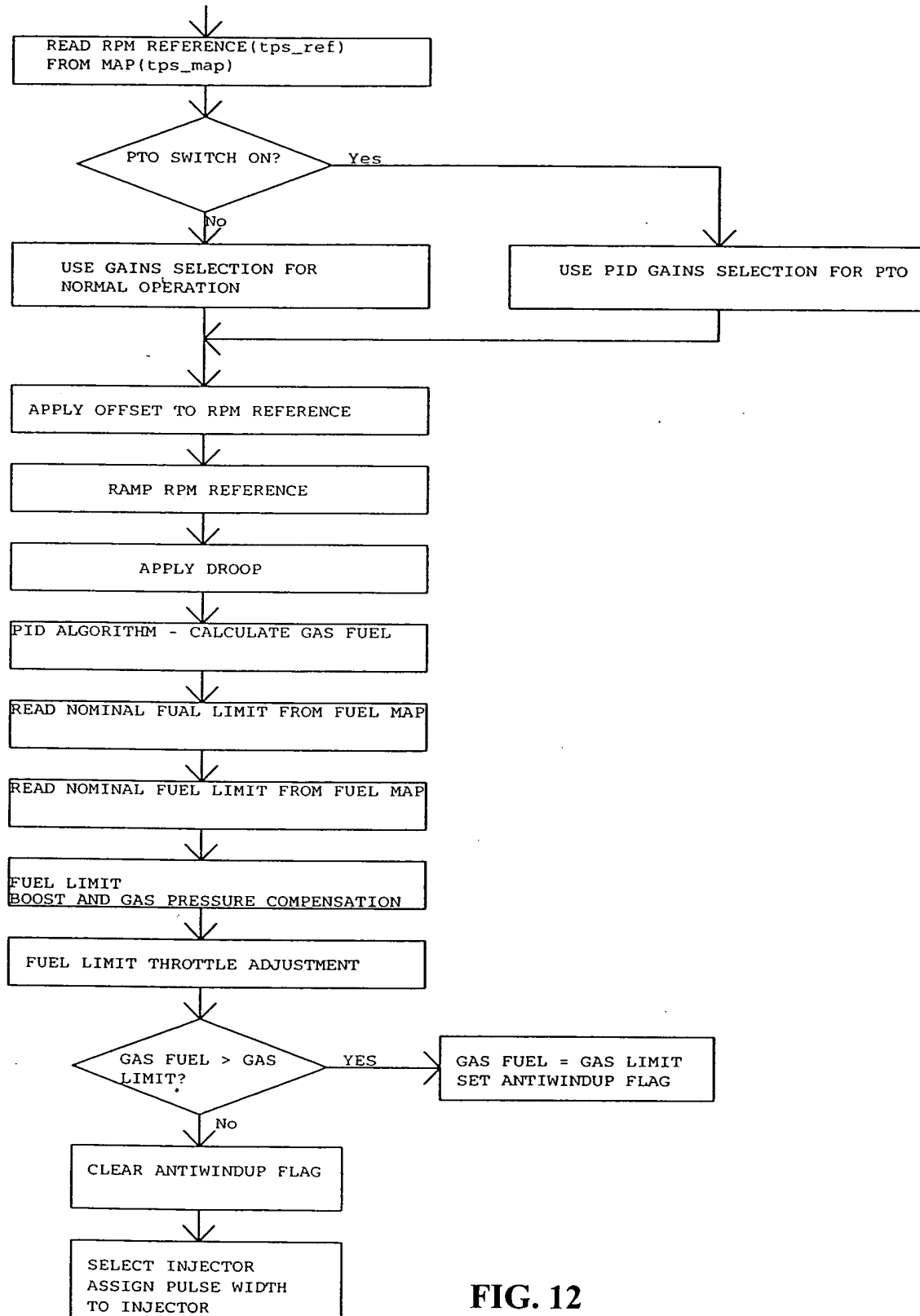


FIG. 12

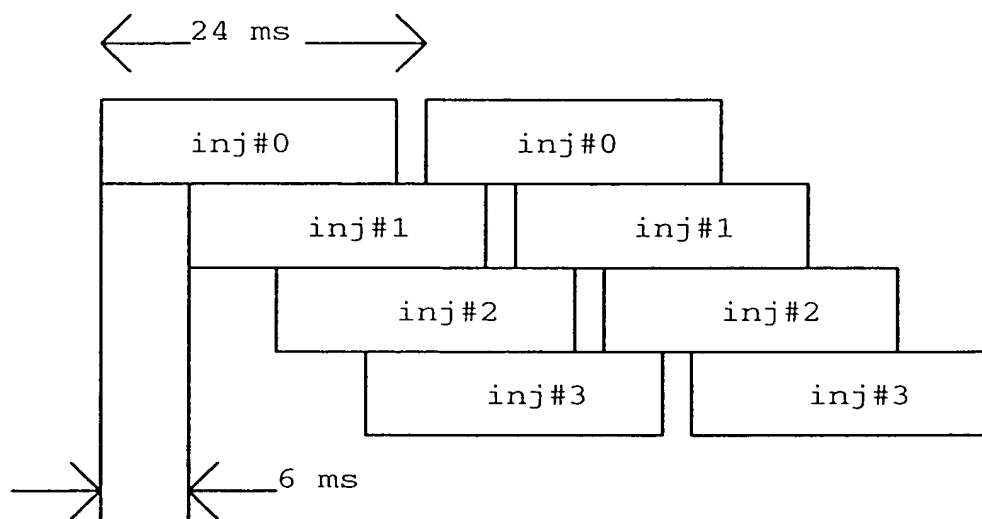


FIG. 13

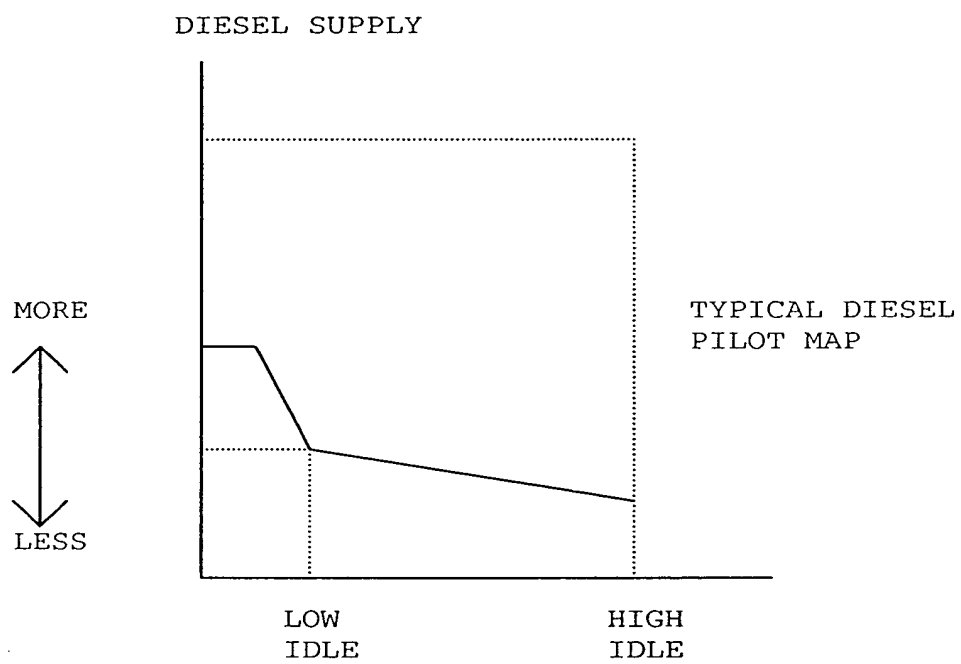


FIG. 14

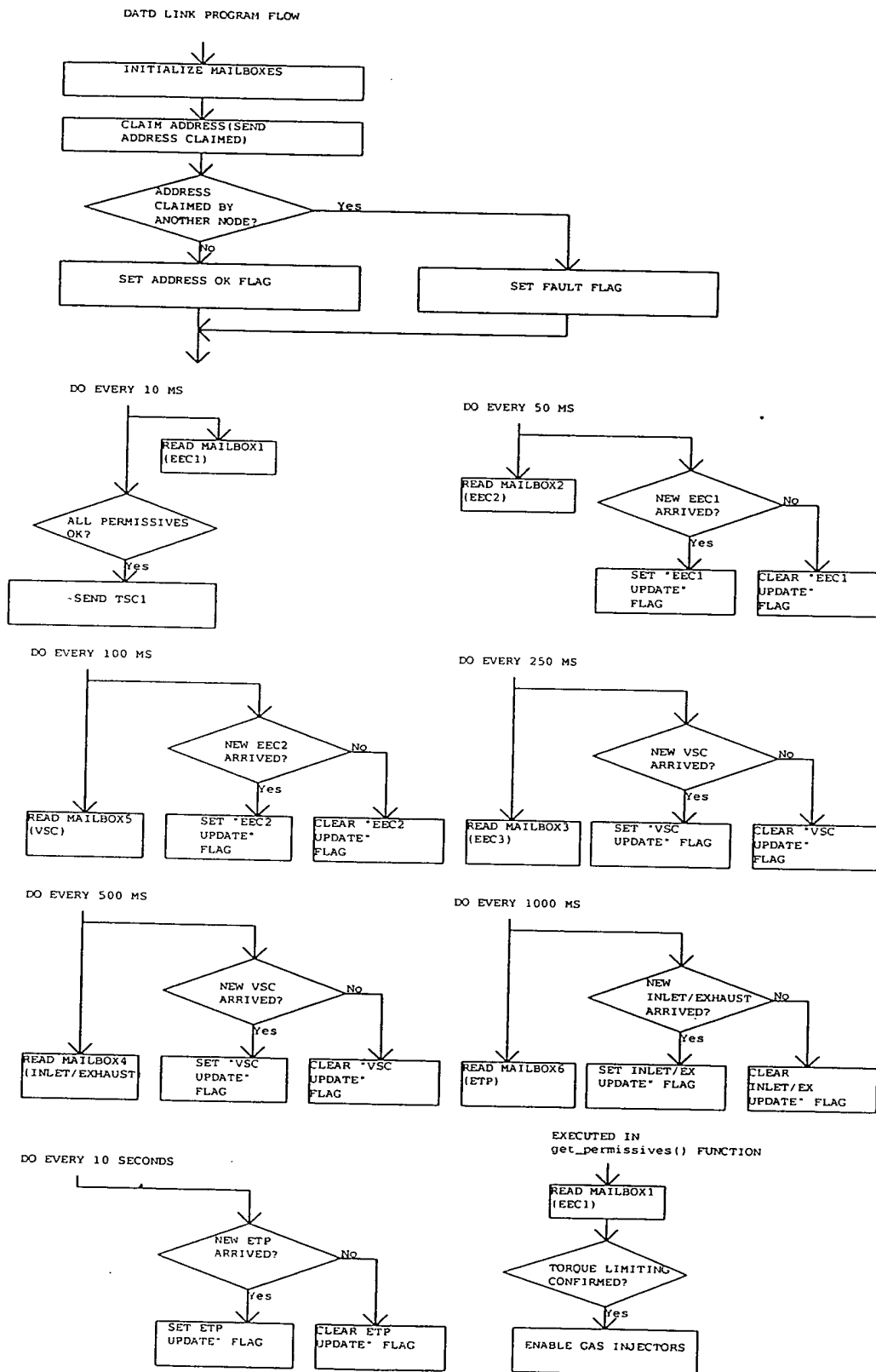


FIG. 15